

CLAIMS

1. A glass comprising following components by mass%.

P_2O_5	5-25%
$BaO+SrO$	21-50%
Nb_2O_5	35-65%
$Li_2O+Na_2O+K_2O$	0-3%

2. The glass as claimed in claim 1, further comprising following components by mass%.

P_2O_5	5-25%
B_2O_3	0-15%
SiO_2+GeO_2	0-5%
$BaO+SrO$	21-50%
$MgO+CaO$	0-25%
Nb_2O_5	35-65%
TiO_2	0-15%
Ta_2O_5	0-15%
Bi_2O_3	0-15%
ZnO	0-15%
WO_3	0-15%
$Y_2O_3+La_2O_3+Gd_2O_3$	0-15%
$Li_2O+Na_2O+K_2O$	0-3%
Al_2O_3	0-5%
Sb_2O_3	0-0.5%

3. The glass as claimed in claims 1 or 2, further comprising following components by mass%;

P_2O_5	5-20%
B_2O_3	0-10%
SiO_2+GeO_2	0-5%
BaO	21-50%
$MgO+CaO$	0-25%
Nb_2O_5	35-65%
TiO_2	0-15%
Ta_2O_5	0-15%
Bi_2O_3	0-15%
ZnO	0-15%
WO_3	0-15%
$Y_2O_3+La_2O_3+Gd_2O_3$	0-15%
$Li_2O+Na_2O+K_2O$	0-3%
Al_2O_3	0-5%
Sb_2O_3	0-0.5%

wherein $Nb_2O_5/(BaO+SrO)$ is 0.85-2.20.

4. The glass as claimed in any one of claims 1 to 3, wherein the glass is substantially free from PbO component.

5. The glass as claimed in any one of claims 1 to 4, having a dielectric constant of 15 or more.

6. The glass as claimed in any one of claims 1 to 5,

having a dielectric loss of 10.0×10^{-4} or less.

7. The glass as claimed in any one of claims 1 to 6, having an electrical resistivity of $1.0 \times 10^{16} \Omega \cdot \text{cm}$ or more.

8. A glass substrate consisting of the glass as claimed in any one of claims 1 to 7.